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REE	Form PTO-1449 IRSY. 7.801 U.S. Department of Commerce	ATTORNEY DOCKET NO.	600-1-087 CIP2I
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
M	AA	RE 31,006	08/03/82	Schuurs et al.	435	7.8	
m	AB	3,650,090	03/21/72	Temple et al.	95	82	
m	AC	3,654,090	04/04/72	Wilhemus et al.	435	7,93	
are	AD	3,850,752	11/26/74	Schuurs et al.	435	7.93	
M	AE	4,016,043	04/05/77	Schuurs et al.	435	5	
am	AF	4,179,337	12/18/79	Davis et al.	435)8)	
gon	AG	4,341,761	07/27/82	Ganfield et al.	424	85.6	
AL	AH	4,342,566	08/03/82	Theofilopoulos et al.	436	507	
OM	AI	4,399,121	08/16/83	Albarella et al.	530	363	
an	ΑĴ	4,427,783	01/24/84	Newman et al.	436	542	
AM	AK	4,444,887	04/24/84	Hoffmann	435	373	
Om	AL	4,451,570	05/29/84	Royston et al.	435	326	
an	AM	4,466,917	08/21/84	Nussenzweig et al.	530	350	
m	AN	4,472,500	09/18/84	Milstein et al.	435	70,21	
an-	AO	4,491,632	01/01/85	Wands et al.	435	339	
an	AP	4,493,890	01/15/85	Morris	435	7.7	
an	AQ	4,631,211	12/23/86	Houghten	428	35,5	
M	AR	4,650,764	03/17/87	Temin et al.	435	350	
AK	AS	4,816,567	03/28/89	Cabilly et al.	530	387,3	
An.	AТ	4,925,673	05/15/90	Steiner et al.	424	455	
AL	AU	4,946,778	08/07/90	Ladner et al.	435	69.6	
M	AV	4,980,289	12/25/90	Temin et al.	435	235.1	
M	AW	4,981,784	01/01/91	Evans et al.	435	6	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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	GROUP	1803 /865

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
gol.	AX	5,010,175	04/23/91	Rutter et al.	530	334	
got	AY	5,013,556	05/07/91	Woodle et al.	424	450	
ar	ΑZ	5,124,263	06/23/92	Temin et al.	435	349	
gor.	BA	5,284,656	02/08/94	Platz et al.	424	435	
SAL	BB	5,399,346	03/21/95	Anderson et al.	424	93.Z)	
GAL	вс	5,521,283	05/28/96	DiMarchi et al.	530	324	
2HL	BD	5,532,336	07/02/96	DiMarchi et al.	530	324	
91	BE	5,552,522	09/03/96	DiMarchi et al.	530	324	
gar	BF	5,552,523	09/03/96	Basinski et al.	530	324	
gn-	ВG	5,552,524	09/03/96	Basinski et al.	530	324	

FOREIGN PATENT DOCUMENTS

				BITT DOCUMENTS				
-		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANS YES	LATION NO
AL	ВН	EP 0,566,410	10/20/93	Europe				
M	BI	WO 94/00558	1/6/94	PCT				·
an	BJ	CA 2,012,311	09/16/90	Canada	_			
SM	BK	EP 401,384 B1	03/13/96	Europe			·	
m	BL	WO 88/03168	05/05/88	PCT	_			
m	BM	WO 90/03431	04/05/90	PCT				
DH.	BN	WO 90/10697	09/20/90	PCT				
an	во	WO 90/14092	11/29/90	PCT		_		
an	BP	WO 91/06666	05/16/91	PCT				
an	BQ	WO 91/09955	07/11/91	PCT				
an	BR	WO 92/00252	01/09/92	PCT			-	
m	BS	WO 95/07358	03/16/95	PCT				

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LIST OF DOCUMENTARY INFORMATION	APPLICANT	Friedman et al.
CITED BY APPLICANT (Use several sheets if necessary)	FILING DATE	June 7, 1995
	GROUP	1803 /805

BT Considine et al., 1995, J. Clin. Invest. 95:2986-8. BU Froguel et al., 1995, Trends in Biotech. 13:52-5. BV Funahashi et al., 1995, Biochem. Res. Communica. 211:469-75. BW Rentsch et al., 1995, Biochem. Biophy. Res. Communica. 214:131-6. BX Zhang et al., 1994, Nature 372:425-32. BY Bahary et al., 1993, Genomics 16:113-22. BZ Bahary et al., 1993, Mammalian Genome 4: 511-5. CA Leibel et al., 1993, Crit. Rev. Food Sci. Nutr. 33:351-8. CB Bahary et al., 1992, Genomics 13:761-9. CC Friedman and Leibel, 1992, Cell 69:217-20. CD Weigle et al., 1991, Ann. NY Acad. Sci. 630:100-15, CF Friedman et al., 1991, Mammalian Genome 1:130-44, CG Friedman et al., 1991, Genomics 11:1054-62. CH Moll et al., 1991, Froc. Natl. Acad. Sci. USA 88:7806-9. CJ Walther et al., 1991, Genomics 11:424-34. CK Bahary, 1990, Proc. Natl. Acad. Sci. USA 87:8642-6. CL Harris, 1990, FASEB J. 4:3310-8. CM CB Bray, 1989, Am. J. Clin. Nutr. 50:891-902. CN Bray, 1989, Am. J. Clin. Nutr. 50:891-902. CP Bogardus et al., 1986, N. Engl. J. Med. 315:96-100. CC Keesey and Powley, 1986, Ann. Rev. Psychol. 37:109-33.	OTHER	PRIC	OR ART (Including Author, Title, Date, Pertinent Pages, Etc.)
## BW Funahashi et al., 1995, Biochem. Res. Communica. 211:469-75. ## BW Rentsch et al., 1995, Biochem. Biophy. Res. Communica. 214:131-6. ## BX Zhang et al., 1994, Nature 372:425-32. ## By Bahary et al., 1993, Genomics 16:113-22. ## BZ Bahary et al., 1993, Mammalian Genome 4: 511-5. ## CA Leibel et al., 1993, Crit. Rev. Food Sci. Nutr. 33:351-8. ## CB Bahary et al., 1992, Genomics 13:761-9. ## CC Friedman and Leibel, 1992, Cell 69:217-20. ## CD Weigle et al., 1992, Pennington Cent. Nutr. Ser. 2:22-36. ## CE Friedman et al., 1991, Ann. NY Acad. Sci. 630:100-15. ## CF Friedman et al., 1991, Mammalian Genome 1:130-44, ## CG Friedman et al., 1991, Genomics 11:1054-62. ## Moll et al., 1991, Am. J. Hum. Genet. 49:1243-55. ## CI Truett et al., 1991, Proc. Natl. Acad. Sci. USA 88:7806-9. ## CI Walther et al., 1991, Genomics 11:424-34. ## CK Bahary, 1990, Proc. Natl. Acad. Sci. USA 87:8642-6. ## CL Harris, 1990, FASEB J. 4:3310-8. ## CM Leibel et al., 1990, World Review of Nutrition and Dietetics, vol. 63 (Simopoulos, A.P. and Childs, B., eds.), pp. 90-101. ## CO Harris et al., 1987, Diabetes 36:523-34. ## CP Bogardus et al., 1986, N. Engl. J. Med. 315:96-100. ## CQ Keesey and Powley, 1986, Ann. Rev. Psychol. 37:109-33,	all	BT	Considine et al., 1995, J. Clin. Invest. 95:2986-8.
## BW Funahashi et al., 1995, Biochem. Res. Communica. 211:469-75. ## BW Rentsch et al., 1995, Biochem. Biophy. Res. Communica. 214:131-6. ## BX Zhang et al., 1994, Nature 372:425-32. ## By Bahary et al., 1993, Genomics 16:113-22. ## BZ Bahary et al., 1993, Mammalian Genome 4: 511-5. ## CA Leibel et al., 1993, Crit. Rev. Food Sci. Nutr. 33:351-8. ## CB Bahary et al., 1992, Genomics 13:761-9. ## CC Friedman and Leibel, 1992, Cell 69:217-20. ## CD Weigle et al., 1992, Pennington Cent. Nutr. Ser. 2:22-36. ## CE Friedman et al., 1991, Ann. NY Acad. Sci. 630:100-15. ## CF Friedman et al., 1991, Mammalian Genome 1:130-44, ## CG Friedman et al., 1991, Genomics 11:1054-62. ## Moll et al., 1991, Am. J. Hum. Genet. 49:1243-55. ## CI Truett et al., 1991, Proc. Natl. Acad. Sci. USA 88:7806-9. ## CI Walther et al., 1991, Genomics 11:424-34. ## CK Bahary, 1990, Proc. Natl. Acad. Sci. USA 87:8642-6. ## CL Harris, 1990, FASEB J. 4:3310-8. ## CM Leibel et al., 1990, World Review of Nutrition and Dietetics, vol. 63 (Simopoulos, A.P. and Childs, B., eds.), pp. 90-101. ## CO Harris et al., 1987, Diabetes 36:523-34. ## CP Bogardus et al., 1986, N. Engl. J. Med. 315:96-100. ## CQ Keesey and Powley, 1986, Ann. Rev. Psychol. 37:109-33,	AM	BU	Froguel et al., 1995, Trends in Biotech. 13:52-5.
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CL Harris, 1990, FASEB J. 4:3310-8. CM Leibel et al., 1990, World Review of Nutrition and Dietetics, vol. 63 (Simopoulos, A.P. and Childs, B., eds.), pp. 90-101. CN Bray, 1989, Am. J. Clin. Nutr. 50:891-902, CO Harris et al., 1987, Diabetes 36:523-34, CP Bogardus et al., 1986, N. Engl. J. Med. 315:96-100. CQ Keesey and Powley, 1986, Ann. Rev. Psychol. 37:109-33.	CM.	CK	Bahary, 1990, Proc. Natl. Acad. Sci. USA 87:8642-6.
(Simopoulos, A.P. and Childs, B., eds.), pp. 90-101. (CN Bray, 1989, Am. J. Clin. Nutr. 50:891-902, (CO Harris et al., 1987, Diabetes 36:523-34, (CP Bogardus et al., 1986, N. Engl. J. Med. 315:96-100. (CQ Keesey and Powley, 1986, Ann. Rev. Psychol. 37:109-33.	gr.	CL	Harris, 1990, FASEB J. 4:3310-8.
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		CP	Bogardus et al., 1986, N. Engl. J. Med. 315:96-100.
0 1 1070 711	An	CQ	Keesey and Powley, 1986, Ann. Rev. Psychol. 37:109-33.
	A	CR	Coleman, 1978, Diabetologia 14:141-8
CS Coleman, 1973, Diabetologia 9:294-8.	an	CS	Coleman, 1973, Diabetologia 9:294-8
M CT Hervey, 1959, J. Physiol. 145:336-52.	m	СТ	Hervey, 1959, J. Physiol. 145:336-52.

EXAMINER:

DATE CONSIDERED: 23 SEP 1997

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Form P 1749 (175Y. 7.801	ATTORNEY DOCKET NO.	600-1-087 CIP2I
U.S. Department of Commerce Patent and Trademark Office	SERIAL NO.	08/485,943
LIST OF DOCUMENTARY INFORMATION CITED BY APPLICANT	APPLICANT	Friedman et al.
(Use several sheets if necessary)	FILING DATE	June 7, 1995
	GROUP	1803 /805

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

al	CU	Dickie and Lane, 1957, Mouse News Lett. 17:52.
M	·CV	Ingalls et al., 1950, J. Hered. 41:317-8.
ar	CW	Adjei and Garren Pharm. Res., 7(6):565-569 (1990).
M	СХ	Adjei et al. Int. J. Pharm., 63:135-144 (1990).
an	CY	Albertsen et al. Proc. Natl. Acad. Sci. USA, 87:4256-4260 (June 1990).
ar	CZ	Anand et al. Nucl. Acids Res., 18(8):1951-1956 (1990).
On	DA	Anand et al. Nucl. Acids Res., 17(9):3425-3433 (1989).
AL	DB	Ashwell et al. Proc. R. Soc. Lond., 195:343-353 (1977).
QH.	DC	Bachmann et al. Bacteriol. Rev., 40:116-167 (1976).
an	DD	Bahary et al. Genomics, 11:33-47 (1991).
an	DE	Bahary et al. Proc. Nat. Acad. Sci. USA, 87:8642-8646 (November 1990).
R	DF	Baura et al. J. Clin. Invest., 92:1824-1830 (October 1993).
On	DG	Bax and Davis, J. Magn. Reson., 65:355-360 (1985).
an	DH	Beavis and Chait, Proc. Natl. Acad. Sci. USA, 87:6873-6877 (1990).
De	DI	Becker et al. (1995) FEBS lett. 371:324-8,
Q	DJ	Benton and Davis, Science, 196:180 (1977).
An	DK	Blank et al., Mammalian Genome, 1:S51-S78 (1991).
GAL	DL	Bogardus et al., Diabetes, 35:1-5 (January 1986).
an	DM	Braquet et al., Journal of Cardiovascular Pharmacology, 13(suppl. 5):S143-S146 (1989).
am	DN	Bray and Campfield, Metabolism, 24(1):99-117 (January 1975).
On	DO	Buchwald et al., Surgery, 88:507-516 (October 1980).
an	DP	Cech, J. Am. Med. Assoc., 260(20):3030-3034 (November 25, 1988).
AL	DQ	Chirgwin et al., Biochem., 18:5294-5299 (1979).
QH	DR	Chou and Fasman, <i>Biochem.</i> , 13(2) :222-245 (1974).
One	DS	Cohen et al., Protein Science, 4:1088 (1995).
EVAMINED.	D	227 201002525 22 5 5 105

DATE CONSIDERED: 23 SEP 1997

EXAMINER: RAILEY

DATE CONSIDERED: Z3 SEC 1997

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Form PTO-1449 IRSY. 7.801 U.S. Department of Commerce	ATTORNEY DOCKET NO.	600-1-087 CIP2I
Patent and Trademark Office	SERIAL NO.	08/485,943
LIST OF DOCUMENTARY INFORMATION CITED BY APPLICANT	APPLICANT	Friedman et al.
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	GROUP	1808 /805

		GIOD ADT (1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.
OTHE	K P	RIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)
AL	DT	Cole et al., in Monoclonal Antibodies and Cancer Therapy, pp. 77-96, Alan R. Liss, Inc., (1985).
ЯС	DU	Considine et al., N. Engl. J. Med., 334:292-295 (February 1, 1996).
AR	DV	Cote et al., Proc. Natl. Acad. Sci. USA, 80:2026-2030 (April 1983).
M	DW	Cwirla et al., Proc. Natl. Acad. Sci. USA, 87:6378-6382 (August 1990).
ar	DX	Dani et al., J. Biol. Chem., 264(17):10119-10125 (June 15, 1989).
m	DY	Dani et al., in Obesity in Europe vol 88, pp. 371-376, Bjorntorp and Rossner, Eds., John Libbey Company Ltd., London, England (1989).
The	DZ	Dani et al., Mol. Cell. Endocrinol., 63:199-208 (1989).
an	EA	Dausset et al., Behring Inst. Mitt., 91:13-20 (1992).
- CAN	EB	De Vos et al., J. Biol. Chem., 270(27):15958-15961 (July 7, 1995).
an	EC	Debons et al., Fed. Proc., 36:143-147 (1977).
ar	ED	Debs et al., J. Immunol., 140(10):3482-3488 (May 15, 1988).
an	EE	During et al., Ann. Neurol., 25:351 (1989).
An	EF	Edge, Nature, 292:756 (August 20, 1981).
au	EG	Ellman, Arch. Biochem. Biophys., 82:70-77 (1959).
CAR	EH	Engstom, Biochem. Exp. Biol., 11:7-13 (1974).
AL	EI	Faust et al., Am. J. Physiol., 235:E279-E286 (1978).
An	EJ	Faust et al., Science, 197:393-396 (July 22, 1977).
ON	EK	Felgner et al., Proc. Natl. Acad. Sci. USA, 84:7413-7417 (1987).
an	EL	Francis, Focus on Growth Factors, 3:4-10 (1992).
QK	EM	Frederich et al., J. Clin. Invest., 96:1658-1663 (September 1995).
gr.	EN	Furka, Int. J. Peptide Protein Res., 37:487-493 (1991).
m	EO	Geffroy et al., Genomics, 28:603-604 (1995).
M	EP	Geysen et al., Molecular Immunology, 23(7):709-715 (1986).
AL	EQ	Geysen et al., J. Immunologic Method, 102:259-274 (1987).
M	ER	Goodson, in Med. Applica. of Controlled Release, vol. 2, pp.115-38 (1984).

DATE CONSIDERED: 23 SEP 1997 RAILEY EXAMINER:

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	GROUP	1803/805

OTHER PRIOR	ART	(Including	Author,	Title,	Date,	Pertinent	Pages,	Etc.)
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		HION AND (Including Author, Title, Date, Pertinent Pages, Etc.)
AL	ES	Green, in <i>Methods in Molecular Genetics</i> Vol. 1, Gene & Chromosome Anal. (Part A), pp. 192-210, Adolph ed., Academic Press, Inc., San Diego (1993).
AM	ET	Green and Green, PCR Methods Applic., 1:77-90 (1991).
al	EU	Green and Olson, Proc. Natl. Acad. Sci. USA, 87:1213-7 (February 1990).
an	EV	Green et al., Genomics, 25:170-183 (1995).
m	EW	Green et al., Hum. Mol. Genet., 3(3):489-501 (1994).
GR	EX	Green et al., Genomics, 11:548-564 (1991).
are	EY	Green et al., Genome Research, 5:5-12 (1995).
an	EZ	Green et al., Annu. Rev. Biochem., 55:569-597 (1986).
an_	FA	Grunstein and Hogness, Proc. Natl. Acad. Sci. USA, 72(10):3961 (1975).
9h	FB	Hambor et al., J. Exp. Med., 168:1237-1245 (October 1988).
9rL	FC	Harris, Diabetes Care, 14(7):639-648 (July 1991).
SAL	FD	Harris et al., Int. J. Obes., 11:275-283 (1987).
an	FE	Heng et al., Cytogenet Cell Genet., 62:108-109 (1993).
In	FF	Hood et al., in Immunology, p. 384, Second Ed., Benjamin/Cummings, Menlo Park, California (1984).
ge	FG	Hopp and Woods, Proc. Natl. Acad. Sci. USA, 78(6):3824-3828 (June 1981).
gn.	FH	Howard et al., J. Neurosurg., 71:105-112 (1989).
SAL	FI	Hubbard et al., Annals of Internal Medicine, 3(3):206-212 (1989).
an	FJ	Izant and Weintraub Cell, 36:1007-1015 (April 1984).
AL	FK	Jacobsson et al., J. Biol. Chem., 260(30):16250-16254 (1985).
AL	FL	Jay et al., J. Biol. Chem., 259(10):6311-6317 (May 25, 1984).
9AL	FM	Johnson and Gross, FASEB J., 7:678-686 (1983).
AL	FN	Johnson and Hirsch, J. Lipid Res., 13:2-11 (1972).
AL	FO	Kaplitt et al., Molec. Cell. Neurosci., 2:320-330 (1991).
9m	FP	Keesey, in Association for Research in Nervous and Mental Disease, pp. 87-96, Stunkard and Stellar, eds., Raven Press, New York (1984).

EXAMINER: DATE CONSIDERED: Z3 SEP 1997

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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OTHER PRIOR A	ART	(Including	Author,	Title,	Date,	Pertinent	Pages,	Etc.)
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OTHER	PRI	OR ART (Including Author, Title, Date, Pertinent Pages, Etc.)			
al	FQ	Kimura et al., Proc. Natl. Acad. Sci. USA, 77(3):1681-1685 (1980).			
an	FR	Kohler and Milstein, <i>Nature</i> , 256 :495-497 (August 7, 1975).			
an	FS	Kozbor and Roder, Immunology Today, 4(3):72-79 (1983).			
an	FT	Kuo et al., Blood, 82(3):845-852 (August 1, 1993).			
AL	FU	Langer et al., J. Macromol. Sci. Rev. Macromol. Chem., 23:61-126 (1983),			
gn	FV	Leibel et al., N. Engl. J. Med., 332(10):621-628 (March 9, 1995).			
CAL	FW	Leiter et al., Endocrinology, 124(2):912-922 (1989).			
an_	FX	Lonnqvist et al., Nature Med., 1(9):950-952 (September 1995).			
an	FY	MacDougald et al., Proc. Natl. Acad. Sci USA, 92:9034-9037 (1995).			
JAN.	FZ	Machy et al., Proc. Natl. Acad. Sci. USA, 85:8027-8031 (1988).			
an	GA	Madej et al., FEBS Lett., 373:13-18 (1995).			
gm	GB	Maffei et al., Proc. Natl. Acad. Sci. USA, 92:6957-6960 (July 1995).			
On	GC	Maffei et al., Nature Med., 1(11):1155-1161 (November 1995).			
AR.	GD	Malik et al., Exp. Hematol., 20:1028-1035 (1992).			
an	GE	Mann et al., Cell, 33:153-159 (May 1983).			
gr	GF	Marcus-Sekura, Anal. Biochem., 172:289-295 (1988).			
an	GG	Marion et al. Biochem. Biophys. Res. Comm., 113(3):967-974 (1983).			
gh.	GH	Markowitz et al., J. Virol., 62(4):1120-1124 (April 1988).			
An	GI	Marshall, in Modern Pharmaceutics, Chapter 10, Banker et al. ed., (1979).			
An	ъ	Masuzaki et al., Diabetes, 44:855-858 (July 1995).			
an	GK	Murakami et al., Biochem. Biophys. Res. Comm., 214(3):1260-7 (1995).			
an	GL	Needels et al., Proc. Natl. Acad. Sci. USA, 90:10700-10704 (1993).			
gre	GM	Neuberger et al., Nature, 312:604-608 (December 1984).			
ar	GN	Newmark et al., J. Appl. Biochem., 4:185-189 (1982).			
n	GO	Ogawa et al., J. Clin. Invest., 96:1647-1652 (September 1995).			
an	GP	Pardridge, Endocrine Reviews, 7(3):314-330 (1986).			
EVAMINED:		PAUS.			

EXAMINER: RAILEY DATE CONSIDERED: 23 SED 1997

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LIST OF DOCUMENTARY INFORMATION	APPLICANT	Friedman et al.
CITED BY APPLICANT (Use several sheets if necessary)	FILING DATE	June 7, 1995
	GROUP	1803 /805

OTHER PRIOR ART (Including Author

OTTLE	PHI	OR ART (Including Author, Title, Date, Pertinent Pages, Etc.)
an	GQ	Pearson and Lipman, <i>Proc. Natl. Acad. Sci. USA</i> , 85 :2444-2448 (1988).
Ach	GR	Richardson et al., Growth, Development & Aging, 56:149-157 (1992).
GAN	GS	Samulski et al., J. Virol., 61(10):3096-3101 (October 1987).
an	GT	Samulski et al., J. Virol., 63(9):3822-3828 (September 1989).
Par	GU	Saudek et al., N. Engl. J. Med., 321:574 (1989).
OX.	GV	Schaeren-Wiemers et al., Histochemistry, 100:431-440 (1993).
an	GW	Sefton, CRC Crit. Ref. Biomed. Eng., 14(3):201-240 (1987).
an	GX	Smith and Johnson, Gene, 67:31-40 (1988).
an	GY	Smith et al., J. Clin. Invest., 84:1145-1146 (October 1989).
an	GZ	Stratford-Perricaudet et al., J. Clin. Invest., 90:626-630 (August 1992).
a	HA	Studier et al., Meth. Enzymology, 185:80-89 (1990).
an	HĐ	Stunkard et al., N. Engl. J. Med., 322(21):1483-1487 (1990).
ax	HC	Takeda et al., Nature, 314:452-454 (1985).
QL.	HD	Tamura et al., Cytogenet. Cell Genet., 66:132-134 (1994).
PAL	ΗE	Trayhurn et al., Biochem J., 311:729-733 (1995).
An	HF	Trayhurn et al., FEBS Lett., 368:488-490 (1995).
An	HG	Treat et al., in Liposomes in the Therapy of Infectious Disease and Cancer, pp. 353-365, Lopez-Berestein and Fidler eds., Liss, New York (1989).
ga	нн	von Heijne, Nucl. Acids Res., 14(11):4683-4690 (1986).
Gos	HI	Wasserman, "The Concept of the `Fat Organ'" in Rodahl, Issekutz, fat as a tissue, pp. 22-92, McGraw Hill, New York (1964).
an	НJ	Weigle, Int. J. Obesity, 12:567-578 (1988).
an	HK	Wilson et al., J. Biol. Chem., 267(2):963-967 (January 15, 1992).
an	HL	Wu and Wu, J. Biol. Chem., 263(29):14621-14624 (October 15, 1988).
an	HM	Campfield et al., Science, 279:546-549 (July 28, 1995).
ga_	HN	Halaas et al., Science, 269:543-546 (July 28, 1995).
an	НО	Pelleymounter et al., Science, 269:540-543 (July 28, 1995).

DATE CONSIDERED: 23 SEP 1997 EXAMINER: RAILEY

DATE CONSIDERED: 23 SEP 1597

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.